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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/723,587	11/28/2000	Patrick S. Wood	7000-043	8527
27820	7590	10/22/2004	[REDACTED]	[REDACTED] EXAMINER LE, KAREN L
WITHROW & TERRANOVA, P.L.L.C. P.O. BOX 1287 CARY, NC 27512			[REDACTED] ART UNIT 2642	[REDACTED] PAPER NUMBER

DATE MAILED: 10/22/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

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<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	09/723,587	WOOD, PATRICK S.
	<b>Examiner</b>	<b>Art Unit</b>
	Karen Le	2642

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 16 July 2004.
- 2a) This action is FINAL.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-49 is/are pending in the application.
  - 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-49 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All    b) Some \* c) None of:
    1. Certified copies of the priority documents have been received.
    2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____ .
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____ .	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
	6) <input type="checkbox"/> Other: _____ .

## **DETAILED ACTION**

### ***Claim Objections***

1. In dependent claims 3-4, 6, 9, 11, 14, 17-18, 20, 23, 25, 28, 35, 39, 40, 41, 44, 46, and 49 are objected to because the sequence steps in the dependent claims repeats the same sequence steps of independence claim. For example, claim 3 step (a) and (b) should be changed to (e) and (f). Correction is required.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1- 28, and 33-49 are rejected under 35 U.S.C. 102(b) as being anticipated by Brennan (U.S. 5,329,578).

Regarding claims 1, 10-11, 15, 24-25, 33, 34-35, 37, 39-40, 45-46, Brennan teaches a method facilitating customized call processing comprising:

providing a feature queue for each of a plurality of entities, each feature queue defining a sequence to initiate call features (call car, home, or office at different time slot. Col. 6, lines 56-66) associated with an event (Schedule) for call processing, receiving a trigger indicating an occurrence of the event for a call associated with one of the plurality of entities (the subscriber), identifying the feature queue associated with the

one of the plurality of entities corresponding to the event and processing the call to implement the call features in the sequence defined in the feature queue for the call (Col. 6, lines 53-68).

Regarding claims 2, 16 and 38, Brennan further teaches the method of claim 6, lines 53-68). Wherein each of the plurality of entities may be one of a group consisting of an individual subscriber, a group of subscribers, and a combination thereof. This is a well known fact, telephone company can provide services to individual subscriber, a group of subscribers and combination thereof.

Regarding claims 3-6, 17-20, and 41 Brennan further teaches step comprises for each feature queue for the plurality of entities: creating the feature queue, defining the sequence to implement the call features for the feature queue, and defining the call features to include in the feature queue (col.6, lines 53-68).

Regarding claims 7-9, 13-14, 21-23, 27-28, 42-44 and 48-49 further comprising modifying the office feature queue wherein the defining step comprises inheriting the sequence to implement call features for the office feature queue for the feature queues for each of the plurality of entities and modifying the sequence to implement call features on a per-entity basis (col. 6, lines 48-53).

Regarding claims 12, 26, 36 and 47, McConnell further teaches the associated feature queue

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is the subscriber feature queue for the given subscriber, the group feature queue for a subscriber in the group, and the standard feature queue for a subscriber other than the given subscriber and not in the group. This is also a well known fact, the telephone company provides feature queue for a subscriber not in the group and a subscriber in the group.

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 29-32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Brennan et al. (U. S. 5,329,578) in view of McConnell (U.S. 5,436,957).

Regarding claims 29-32, Brennan does not teach an interface to communicate with an associated telephony switching device wherein said control system and said interface cooperate to form a call server, a telephony switching devices, an intelligent peripheral, and are adapted to provide call processing for the switching device. However, McConnell teaches an interface to communicate with an associated telephony switching device wherein said control system and said interface cooperate to form a call server, a telephony switching devices, an intelligent peripheral, and are adapted to provide call

processing for the switching device (Fig. 1, item 40, 31, 23, 11). Mc Connell teaches a central database in an Integrated Service Control Point controls the switching operations through multiple end offices of the network. Thus, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate Brennan's system to McConnell's system to provide call processing for the switching device.

***Response to Arguments***

6. Applicant's arguments with respect to claims 1-49 have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

7. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

Or faxed to:

Hand-delivered responses should be brought to

Crystal Park II, Sixth Floor (Receptionist)

2121 Crystal Drive

Arlington, VA 22202

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Karen Le whose telephone number is 703-308-4998. The examiner can normally be reached on Monday - Friday from 8:30 A.M. to 5:00 P.M.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on (703) 305-4731. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4750.

Karen Le  
KLL  
April 16, 2004

Benny Q. Tieu

BENNY TIEU  
PRIMARY EXAMINER

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